

Converting Colors

$Y_{xy}(65.9974, 0.3266, 0.2921)$

Have a look what the booklet for
Yxy(65.9974, 0.3266, 0.2921)
contains.

Yxy(65.9554, 0.3268, 0.2923)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.9554, 0.3268, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	F9C5E9
RGB	249, 197, 233
RGB Percent	98%, 77%, 91%
CMY	0.0236, 0.2274, 0.0862
CMYK	0.00, 0.21, 0.06, 0.02
HSL	318°, 81%, 87%
HSV	318°, 21%, 98%
XYZ	73.7401, 65.9554, 85.9474
YIQ	216.6520, 19.4360, 22.2200

Conversions

Conversions Part 2

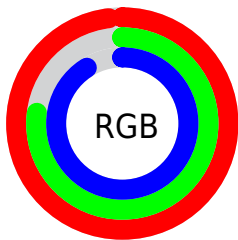
Format	Color
R_{YB}	249, 197, 233
Decimal	16369129
CIE _{Lab}	84.97, 24.20, -10.74
CIE _{LCh}	85, 26.482, 336.065
Yxy	65.9554, 0.3268, 0.2923
Android (android.graphics.Color)	4294559209 (0xFFFF9C5E9)
YUV	216.6520, 8.0596, 28.3692
Hunter-Lab	81.2129, 19.9526, -5.8973

Details

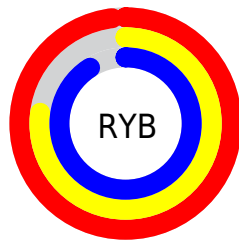
The Yxy color **65.9554, 0.3268, 0.2923** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.4198, 0.3010, 0.3688**, and the grayscale version is **69.0732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **34.0257, 0.3302, 0.2845** is the 20% darker color. If you saturate the color by 10%, you get **55.1408, 0.3354, 0.2741**, and if you desaturate by 10%, it is **78.6622, 0.3194, 0.3103**.

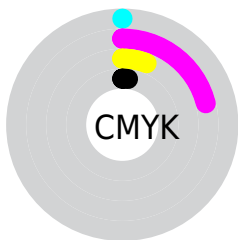
Distribution



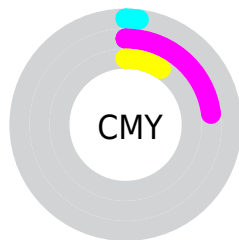
- Red (98%)
- Green (77%)
- Blue (91%)



- Red (98%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9554, 0.3268, 0.2923 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 65.9554, 0.3268, 0.2923 by changing the saturation by 10% instead.


 65.9554, 0.3268,
0.2923

 65.9554, 0.3268,
0.2923

446.2174, 0.3204,
0.3090

 48.2362, 0.3282,
0.2885


113.4223, 0.3246,
0.2981

 34.0140, 0.3300,
0.2839


143.9388, 0.3238,
0.3003

 22.9043, 0.3322,
0.2781


179.4899, 0.3230,
0.3023

 14.5229, 0.3350,
0.2706

220.4599, 0.3224,
0.3040

 8.4852, 0.3387,
0.2605

267.2333, 0.3218,
0.3055

 4.4070, 0.3440,
0.2462

320.1944, 0.3213,

 1.9037, 0.3518,

0.3068

0.2245

379.7276, 0.3208,
0.3080

0.5506, 0.3693,
0.1776

0.0000, 0.2991,
0.0000

65.9554, 0.3268,
0.2923

65.9554, 0.3268,
0.2923

55.1408, 0.3354,
0.2741

78.6622, 0.3194,
0.3103

46.1179, 0.3452,
0.2562

93.3381, 0.3132,
0.3275

38.7899, 0.3563,
0.2395

98.8779, 0.3090,
0.3290

33.0476, 0.3684,
0.2251

■ 28.7688, 0.3814,
0.2141

■ 25.8131, 0.3947,
0.2075

■ 24.0129, 0.4078,
0.2060

■ 23.1351, 0.4195,
0.2085

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.9554, 0.2936, 0.2779



65.9554, 0.3268, 0.2923



65.9554, 0.3575, 0.3154

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9554, 0.3268, 0.2923



65.9554, 0.3588, 0.3849



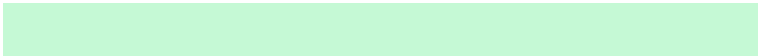
65.9554, 0.2533, 0.3100

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.9554, 0.3268, 0.2923



84.4198, 0.3010, 0.3688

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.9554, 0.2690, 0.3413



65.9554, 0.3268, 0.2923



65.9554, 0.3294, 0.3866

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9554, 0.3268, 0.2923



65.9554, 0.3763, 0.3680



65.9554, 0.2965, 0.3704



65.9554, 0.2526, 0.2865

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9554, 0.3268, 0.2923



65.9554, 0.3717, 0.3334



65.9554, 0.2965, 0.3704



65.9554, 0.2569, 0.3200

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.9583, 0.3268, 0.2923



90.3246, 0.3163, 0.3188



60.8619, 0.2885, 0.2727



19.1177, 0.3167, 0.3177



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9583, 0.3268, 0.2923



64.6527, 0.3302, 0.2847



64.5989, 0.3465, 0.3182



17.4284, 0.3185, 0.3127



12.4116, 0.4175, 0.2074



1.1685, 0.4031, 0.1994

Inverse Universe

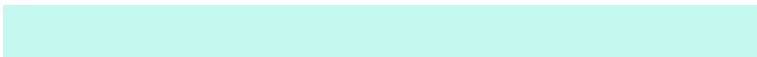
The Inverse Universe completely reimagines the original color for something new.



65.9583, 0.3268, 0.2923



64.6527, 0.3302, 0.2847



85.8247, 0.2870, 0.3401



17.4284, 0.3185, 0.3127



12.4116, 0.4175, 0.2074



1.1685, 0.4031, 0.1994

Previews

White Background



This preview shows how the Yxy color 65.9554, 0.3268, 0.2923 looks on a white background.

Color Contrast Check

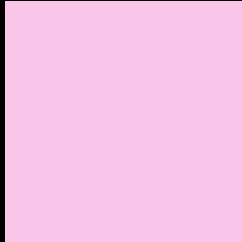
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 65.9554, 0.3268, 0.2923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

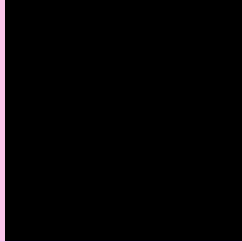
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9554, 0.3268, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 65.9554, 0.3268, 0.2923.



This preview shows how white text looks on a background with the Yxy color 65.9554, 0.3268, 0.2923.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.9554, 0.3268, 0.2923

Protanopia

66.2647, 0.2895, 0.2949

Deuteranopia

66.4027, 0.3095, 0.3032



Tritanopia

66.0406, 0.3378, 0.3124

Trichromacy



Original Color

65.9554, 0.3268, 0.2923

Protanomaly

65.9042, 0.3019, 0.2936

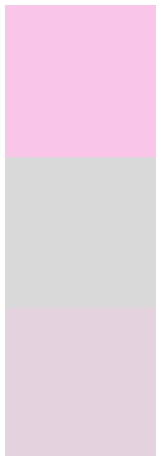
Deuteranomaly

66.0305, 0.3157, 0.2984

Tritanomaly

66.0772, 0.3341, 0.3053

Monochromacy



Original Color

65.9554, 0.3268, 0.2923

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.0789, 0.3178, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9554, 0.3268, 0.2923 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(249, 197, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 197, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(249, 197, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 197, 233) }
```

Border

The CSS property to change the border of an element to Yxy 65.9554, 0.3268, 0.2923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 197, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(249, 197, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(249, 197, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 197, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 197, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 197,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9554, 0.3268, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 197, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(249,  
197, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor